LISTING AND AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

What is claimed is:

Claims 1-15 (cancelled)

16.   (new)   A digital video reception device, comprising:
        means of reception and of demultiplexing of a multiplexed digital stream; and
        means of storage comprising two file systems having different recording block sizes.

17.   (new)   The device as claimed in claim 16, wherein the blocks of the first file system are of large size and adapted to the recording of audio/video streams and in that the blocks of the second file system are of smaller size and adapted to the recording of files of smaller size than the audio/video streams.

18.   (new)   The device as claimed in claim 16 wherein the block size of the first file system is larger by at least an order of magnitude than the block size of the second file system.

19.   (new)   The device as claimed in claim 16, wherein the first file system is adapted to sequential access of the recorded data, while the second file system is adapted to random access of the data recorded therein.

20.   (new)   The device as claimed in claim 19, wherein the first file system comprises simple indirect addressing, while the second file system comprises multiple indirect addressing.

21.   (new)   The device as claimed in claim 16, wherein the storage means comprise a recordable disk comprising a single boot block, a first area reserved for the service data of the first file system and for the corresponding data blocks, and a second area reserved for the service data of the second file system and for the corresponding data blocks.

22.   (new)   The device as claimed in claim 16, comprising:

a first video writing memory for accumulating a predetermined quantity of demultiplexed video packets;

a second audio writing memory for accumulating demultiplexed audio packets; and

means of storage being adapted to store the remultiplexed audio and video packets in the form of blocks of the first file system, each block comprising a first area for recording the video packets and of fixed size equal to said predetermined quantity, and a second area for recording for audio packets and of fixed size such that it is greater than or equal to the maximum quantity of audio data which can be accumulated while obtaining the predetermined quantity of video data.

23.   (new)   The device as claimed in claim 22, comprising:

a third video reading memory for reading video data from the storage means; and

a fourth audio reading memory for the reading of audio data, the respective sizes of the third and fourth memories, video and audio reading respectively, being equal to the sizes of the first and second memories, video and audio writing respectively.

24.   (new)   The device as claimed in claim 22, comprising:

a writing memory for transmitting data to the storage means, which memory is organized as an area comprising N video writing memories of FIFO type and an audio writing area comprising a memory of FIFO type having the size of N audio writing memories;

means for controlling the transfer of video data to a first of the N video writing memories and of audio data to the audio writing area, the transfer of video data being continued to a next video writing memory when said first of the N video writing memories is full; and

means for storing the location, in the area for recording audio data, of the audio data corresponding to each of the N video writing memories.

25.   (new) The device as claimed in claim 24, further comprising:

means for initiating the transfer of video and audio data stored in said writing memory to the storage means as soon as one of the N video writing memories has been filled.

26.   (new)   The device as claimed in claim 23, further comprising:

a reading memory for receiving data from storage means, which memory is organized as an area comprising N video reading memories of FIFO type and an audio reading area comprising a memory of FIFO type having the size of N audio reading memories;

means for controlling the transfer of video data to a first of the N video reading memories and of audio data to the audio reading area, the transfer of video data being continued to a next video reading memory when said first of the N video reading memories is full; and

means for storing the location, in the area for reading audio data, of the audio data corresponding to each of the N video reading memories.

27.   (new)   The device as claimed in claim 26, further comprising:

means for initiating the transfer of video and audio data stored in said reading memory to a decoder of said data when the set of N video reading memories has been filled.

28.   (new)   A process for recording audio and video data in a digital television receiver, comprising the steps of:

demultiplexing audio and video packets relating to one and the same program;

simultaneous accumulation of the demultiplexed video data in a first memory and of the demultiplexed audio data in a second memory;

stopping the accumulation in said memories following the obtaining of a predetermined quantity of video data in said first memory; and

recording of the video data accumulated in said first memory and of the audio data accumulated in the second memory respectively in a first area of a block whose fixed size is equal to said predetermined quantity and in a second area of this block, the size of this second area being fixed and chosen in such a way that it is greater than or equal to the maximum quantity of audio data which can be accumulated while obtaining said predetermined quantity of video data.

29. (new) The process as claimed in claim 28, wherein the ratio of the sizes of the first and second areas is such that it is greater than or equal to the maximum ratio of the bit rate of video data and of the bit rate of audio data in the digital stream.

30. (new) The process as claimed in claim 28 further comprising the step of:

recording in each block of a data item indicating the quantity of audio data recorded in this block.

31. (new) The process as claimed in claim 28, wherein the recorded audio and video data are elementary stream packets, with the exclusion of information emanating from the transport layer.

32. (new) An audio and video data recording device, comprising:

a double file system wherein a first system is adapted to files of an audio/video stream type and wherein a second file system is adapted to files of smaller size than the audio/video streams.

33. (new) The device as claimed in claim 32, further comprising a rerecordable disk divided into sectors, data blocks of the first file system

having a size of at least 256 sectors, data blocks of the second file system
having a size of a few sectors.